CostQuest's Broadband Mapping and Analysis

Data Collection

Through trusted relationships, CostQuest gathers accurate data, including information obtained directly from Internet service providers, to map broadband service and gaps with precision.

CostQuest believes that a successful broadband initiative depends on sound information built from assessing the current situation and developing a study that reflects the unique attributes of each area.

While CostQuest maintains independence from providers, we work closely with them to gather essential network information and identify underlying trends.

We can identify gaps in broadband service, available deployment technologies, transmission speeds and the price of broadband service.

Our work in Wyoming identified service providers and deployed technologies to the nearest census block.

Cost Analysis

CostQuest layers its GIS mapping data with time-tested cost analysis models for a comprehensive, value-added approach.

CostQuest has an extensive library of code, standardized methodologies and algorithms relating to network modeling and cost analysis.

Our proven modeling approach is verifiable and auditable. It generates accurate forward-looking network costs.

We can identify factors including residential population, households, businesses, schools, hospitals, economic centers, roads and the cost to serve.

CostQuest's economic impact data can work to identify uses of broadband services and study how high speed services contribute to economic growth for communities.

Deployment Options

CostQuest's proprietary cost analysis models provide deployment options for policy-makers. Our data allows governments to forecast the investment necessary to build out to unserved areas.

CostQuest gives policy-makers and carriers a clear look at the necessary capital investment that can be used to project ROI for business case analysis.

The investment data can be used to determine whether to create incentives or pursue community-based solutions for deploying broadband.

Our cost models can allow regulators to establish appropriate funding amounts for subsidies.

Our mapping and inventory of existing infrastructure allow carriers to see additional market potential in delivering broadband to unserved areas.

Applications

The result of our work can lead to the development of a web-based, searchable map that allows the public to quickly access availability, speed, technology, price and provider information.

Data collection, cost analysis and deployment options serve as the inputs for CostQuest's web-based, inventory mapping services.

The key to moving from analysis to action is providing policy-makers with appropriate applications to make specific decisions. To support this, we work to develop interactive, web-based tools to give governments information that assesses broadband ubiquity.

CostQuest's output can lead to a flexible and customizable format that can be adapted for public use. A web-based interface can be developed to allow residents to search for broadband coverage at their location.